

01-19-01

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Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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100-961

01/18/01

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. SO-3221-US

First Inventor or Application Identifier Deborah J. Phippard

Title See 1 in Addendum

Express Mail Label No. EJ628817351US

PTO/SB/05 (4/98)

+

U.S.P.T.O.

100-961

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Assistant Commissioner for Patents  
ADDRESS TO: Box Patent Application  
Washington DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Specification [Total Pages 144]  
(preferred arrangement set forth below)
 

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3.  Drawing(s) (35 U.S.C. 113) [Total Sheets ]

4. Oath or Declaration [Total Pages ]
 

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5.  Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
 

- a.  Computer Readable Copy
- b.  Paper Copy (identical to computer copy)
- c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7.  Assignment Papers (cover sheet & document(s))

8.  37 C.F.R. § 3.73(b) Statement  Power of  
(when there is an assignee)  Attorney

9.  English Translation Document (if applicable)

10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations

11.  Preliminary Amendment

12.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

13.  Small Entity Statement(s)  Statement filed in prior application  
(PTO/SB/09-12)  Status still proper and desired

14.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

15.  Other: .....

\* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No: /

Prior application information: Examiner Group / Art Unit: .....

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label  
(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	Rachel Polster				
	Patent Department Central				
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Name (Print/Type)	Rachel Polster	Registration No. (Attorney/Agent)	47,002
Signature	<i>Rachel Polster</i>		Date 01/18/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/18/01  
109631

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## FEE TRANSMITTAL

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 2162.00)

## Complete if Known

Application Number	not assigned
Filing Date	January 18, 2001
First Named Inventor	Deborah J. Phippard
Group Art Unit	not assigned
Examiner Name	not assigned
Attorney Docket Number	SO-3221-US

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	19-1025
Deposit Account Name	

<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	<input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance
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2. <input type="checkbox"/> Payment Enclosed:	<input type="checkbox"/> Check	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other
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## FEE CALCULATION

## 1. FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	790	201	395
106	330	206	165
107	540	207	270
108	790	208	395
114	150	214	75
SUBTOTAL (1) (\$ 710)			

## 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
59	-20 =	39 x 18 =	702
Independent Claims 9	- 3 =	6 x 80 =	480
Multiple Dependent Claims	270 x		270
SUBTOTAL (2) (\$ 1452.00)			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103	22	203	11
102	82	202	41
104	270	204	135
109	82	209	41
110	22	210	11
SUBTOTAL (2) (\$ 1452.00)			

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	950	217	475
118	1,510	218	755
128	2,060	228	1,030
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,320	241	660
142	1,320	242	660
143	450	243	225
144	670	244	335
122	130	122	130
123	50	123	50
126	240	126	240
581	40	581	40
146	790	246	395
149	790	249	395
Other fee (specify) _____			
Other fee (specify) _____			
• Reduced by Basic Filing Fee Paid			
SUBTOTAL(3) (\$)			

## SUBMITTED BY

Typed or Printed Name	Rachel Polster	Reg. Number	47,002
Signature	<i>Rachel A. Polster</i>	Date	01/18/01
Deposit Account User ID			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Practitioner's Docket No.

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Graneto et al.

Filed: January 18, 2001

For: OSTEOARTHRITIS TISSUE-DERIVED NUCLEIC ACIDS, POLYPEPTIDES, VECTORS, AND CELLS

Assistant Commissioner for Patents

Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EJ628817351US

Date of Deposit: 01/16/01

I hereby state that the following *attached* paper or fee

Utility Application Transmittal

Fee Transmittal

Specification

Computer readable copy of sequence listing

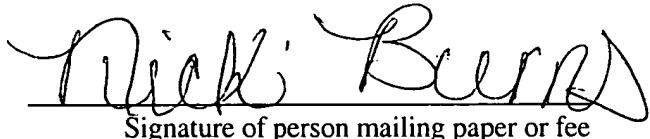
Paper copy of sequence listing

Statement under 37 C.F.R. 1.821

Return Receipt Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Nicki Burns



Signature of person mailing paper or fee

(Express Mail Certificate)

## Addendum

1. OSTEOARTHRITIS TISSUE-DERIVED NUCLEIC ACIDS, POLYPEPTIDES, VECTORS, AND CELLS

jc872 U.S. PTO  
09/765231  
01/18/01

